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B. Webb
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Attorney Docket 1087.1B (A1-35US3)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ROBERT J. LIPSHUTZ et al. Art Unit : 1655
Serial No.: 09/519,148 Examiner : Bradley L. Sisson
Filed : March 6, 2000

Title : INTEGRATED NUCLEIC ACID DIAGNOSTIC DEVICE

*ABSherr 8/25/01*COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the enclosed total of 8 pages including a cover sheet is being facsimile transmitted to the fax number 703-305-7230 to the Patent and Trademark Office on the date shown below.

Typed or Printed Name of Person: Alan B. Sherr Date: August 17, 2001

Signing Certification *Alan B. Sherr***AMENDMENT****In the Specification:**

On page 45 please delete the first full paragraph, i.e., lines 3-12, and replace with the following paragraph:

The efficacy of acoustic mixing was also tested in an actual hybridization protocol. For this hybridization test, a fluorescently labeled oligonucleotide target sequence having the sequence 5'-GAGATGCGTCGGTGGCTG-3' (SEQ. ID 1) and an array having a checkerboard pattern of 400 μm squares having complements to this sequence synthesized thereon, were used. Hybridization of a 10 nM solution of the target in 6 x SSPE was carried out. During hybridization, the external surface of the array was kept in contact with a thermoelectric cooler set at 15 °C. Hybridization was